

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN  
10348700 WASHOE LAKE NEAR CARSON CITY, NV

LOCATION (REVISED).--Lat 39°14'08.72", long 119°46'25.84" referenced to North American Datum of 1983, in NE ¼ SE ¼ sec. 19, T.16 N., R.20 E., Washoe County, Hydrologic Unit 16050102, at Washoe Lake State Park, and 4.75 mi north of Carson City.

DRAINAGE AREA.--83.8 mi<sup>2</sup>, including Little Washoe Lake.

PERIOD OF RECORD.--April 1963 to September 1982, July 1988 to January 1989, July and August 1989, October 1989, March 1990 to February 1995 (monthend contents only), October 1982 to June 30, 1988, February 19 to July 17, and September 1-30, 1989, November 17, 1989 to February 21, 1990, March 24, 1995 to current year (daily elevations). During periods of low lake elevations, the lake level was not monitored continuously and elevations obtained were instantaneous readings.

GAGE.--Water-stage recorder. Datum of gage is above National Geodetic Vertical Datum of 1929. Prior to October 1, 1982, nonrecording gage at different site but same datum.

REMARKS.--Lake is formed by a natural basin whose natural rim falls below the control works on Little Washoe Lake allowing storage regulation. Total capacity 55,700 acre-ft between elevations 5,017.5 ft and 5,032.7 ft. Figures given herein represent total contents including Scripps Wildlife Management Area Marsh. Two transarea diversions enter the lakes, one from Galena Creek and one from Third Creek into Ophir Creek. Franktown Creek is diverted into the Virginia City-Carson City pipeline and during dry years additional water is pumped from Marlette Lake into Hobart Reservoir and released into Franktown Creek for diversion into the Virginia City-Carson City pipeline at Red House. [See schematic diagram of Truckee River Basin, Truckee River Basin and Pyramid-Winnemucca Lakes.](#) Lake elevations may be affected by wind and seiche movements of the lake surface.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5,032.62 ft, January 28, 1997; no contents at times some years.

EXTREMES FOR CURRENT YEAR.--Maximum observed elevation, 5,021.16 ft, March 4; minimum observed, no contents, August 30.

Capacity table (elevation, in feet, and volume, in acre-feet)

5,018	100	5,022	7,000	5,026	21,700	5,030	43,300
5,019	800	5,023	10,000	5,027	26,600	5,031	49,200
5,020	2,200	5,024	13,400	5,028	32,000	5,032	55,700
5,021	4,300	5,025	17,300	5,029	37,400	5,032.7	60,600

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September 30.....	5,020.73	3,730	-
October 31.....	5,019.77	1,780	-1,950
November 30.....	5,019.63	1,550	-230
December 31.....	5,019.69	1,640	+90
CALENDAR YEAR 2003.....	--	--	-4,910
January 31.....	5,020.11	2,430	+790
February 29.....	5,021.00	4,300	+1,870
March 31.....	5,020.96	4,220	-80
April 30.....	5,020.62	3,500	-720
May 31.....	5,020.26	2,750	-750
June 30.....	5,019.67	1,610	-1,140
July 31.....	5,018.95	750	-860
August 31.....	--	0	-750
September 30.....	--	0	0
WATER YEAR 2004.....	--	--	-3,730

NOTE.--Monthend elevations are interpolated from readings made during the year.